

For enquiries Brandt.europe@brandt.co
Call +1 217 547 5840 (BRANDT global)
or +34 954 196 230 (BRANDT Europe)

BRANDT Europe, S.L.
Ctra. Carmona-Guadajoz km 3.1
PO Box 98
41410 Carmona-Seville (Spain)
www.brandt.co
www.brandteurope.com

BRANDT®



BRANDT®

BRANDT's Way

BRANDT's Way 20-20-20+ME

BRANDT's Way 10-52-8+ME

BRANDT MKP



BRANDT's Way

For a healthy culture full of energy

BRANDT's Way are water-soluble speciality items made by combining mineral fertilisers with specific plant extracts for fertigation and foliar use.

- ☒ They stimulate biological functions for increased productivity.
- ☒ They resolve salt and water stress situations caused by free radicals.
- ☒ They meet nutritional needs by supplementing with NPK units and plant extracts.



BRANDT's Way

- ☒ They reactivate the root and aerial metabolic processes (optimising photosynthesis and respiration).
- ☒ They improve cell division, increasing the root system and the enlargement of the fruit and edible organs in vegetables.
- ☒ They are effective even at low dosages due to the excellent quality of the mineral component (monoammonium phosphate, monophosphate, potassium phosphate, etc.).

BRANDT's Way 20-20-20 + ME

This is a water-soluble speciality with a balanced titre designed to support the crop during situations of maximum physiological and productive stress: pre-flowering, fruit set, fruit enlargement.

For these reasons, the formulation is made up of extremely pure starting materials with low conductivity. The presence of plant extracts improves root health, strengthens plant structure and synergises the action of nitrogen, phosphorus and potassium in the most critical production phases. It also contains trace elements such as boron (B), copper (Cu), iron (Fe), manganese (Mn) and zinc (Zn) in EDTA chelated form.

The product offers broad flexibility of action:

- ☒ Prepares for abundant flowering
- ☒ Supports an effective fruit set
- ☒ Prevents fruit drop phenomena linked to deficiencies and ageing-related stress
- ☒ Supports effective fruit enlargement

BRANDT'S WAY 20-20-20+ME can be used for both fertigation and foliar treatments.

USE	DOSAGE
In fertigation it can be used at	5 to 10 kg/ha, post-transplanting when rooting is complete 10-20 kg/ha per application in subsequent stages of the cycle: pre-flowering, fruit set, fruit enlargement Up to 20 kg/ha on all horticultural and tree crops equipped with fertigation systems.
Foliar use with	200-300 per g/hl water at conventional volume (1.5-3 kg per ha): <ul style="list-style-type: none">- in pre-flowering- Fruit set- Commencement of fruit enlargement

CE FERTILISER

NPK 20-20-20 fertilizer with boron (B), copper (Cu), iron (Fe), manganese (Mn) and zinc (Zn) obtained by blending - For horticultural use

Total nitrogen (N)	20%
Urea nitrogen (N).....	20%
Phosphoric anhydride (P ₂ O ₅) soluble in ammonium citrate and in water	20%
Phosphoric anhydride (P ₂ O ₅) soluble in water.....	20%
Potassium oxide (K ₂ O) soluble in water	20%
Boron (B) soluble in water.....	0.02%
Copper (Cu) soluble in water	0.05%
Copper (Cu) chelated with EDTA	0.05%
Iron (Fe) soluble in water	0.1%
Iron (Fe) chelated with EDTA	0.1%
Manganese (Mn) soluble in water	0.05%
Manganese (Mn) chelated with EDTA	0.05%
Zinc (Zn) soluble in water	0.05%
Zinc (Zn) chelated with EDTA.....	0.05%

Chelating agent: EDTA
pH range to ensure good stability
of the chelated fraction: 4-9
Net weight: 10 kg

Recommendations

- ☒ In general, use the lowest doses in the early stages.
- ☒ In fertigation, adjust the system so that the concentration of the solution in the irrigation water does not exceed 0.2-0.3% (2-3 kg per cubic metre of water).
- ☒ After the application of the product in fertigation, it is advisable to continue irrigating with water alone to better penetrate the product into the soil and to clean pipes, hoses and nozzles.
- ☒ When preparing concentrated solutions, do not exceed concentrations of 15-20%.

Compatibility

- ☒ BRANDT's WAY 20-20-20 + ME can also be used in blends with many crop protection agents.
- ☒ Do not blend: with basic sulphate metals or strongly alkaline materials (such as calcium hydrates and calcium sulphates) or spray oils and polysulphides.
- ☒ A compatibility test is recommended if the desired combination has not been used before.
- ☒ Tank blends with copper products may be phytotoxic due to increased solubility of copper in a situation with acidic pH.



BRANDT's Way 10-52-8 + ME

BRANDT'S Way 10-52-8+ME is a water-soluble NPK made from high quality raw materials (phosphorus from monoammonium phosphate, potassium from potassium monophosphate and the most important chelated trace elements) that increase the potential of the root system and offer an exceptional starter effect in the post-transplanting and early stages of plant development.

The adjuvants include plant extracts that improve root health, strengthen plant structure and synergise the action of nitrogen, phosphorus and potassium in the most critical production phases.

It also contains trace elements such as boron (B), copper (Cu), iron (Fe), manganese (Mn) and zinc (Zn) in EDTA chelated form.

The exceptional purity of the materials in the formula:

- ☒ Maintains low salinity of irrigation water and soil solution circulating around the roots
- ☒ Its acid pH prevents precipitation and blockages in pipes

BRANDT's Way 10-52-8+ME:

- ☒ Promotes root capillary growth in the post-transplanting and early stages.
- ☒ Promotes a quick and efficient starter effect.
- ☒ Exerts an efficient action on flowering and fruiting processes.

It is used in the following topical phases:

- ☒ Post-transplanting
- ☒ Pre-flowering
- ☒ Fruit set
- ☒ Fruit enlargement

BRANDT's WAY 10-52-8+ME has been designed for both fertigation and foliar application

USE	DOSAGE
In fertigation It is used as	5-10 kg/ha, when rooting is complete 10-20 kg/ha per application and repeat as required in: pre-flowering, fruit set, fruit enlargement
Foliar use with	200-300 g/hl at conventional water volume (1.5-3 kg per hectare depending on crop volume and stage) in the following phases: beginning of vegetation, fruit set, fruit enlargement, beginning of veraison

CE FERTILIZER

NPK 10-52-8 fertilizer with boron (B), copper (Cu), iron (Fe), manganese (Mn) and zinc (Zn) obtained by blending - For horticultural use

Total nitrogen (N)	10%
Ammoniacal nitrogen (N)	9%
Urea nitrogen (N)	1%
Phosphoric anhydride (P ₂ O ₅) soluble in ammonium citrate and in water	52%
Phosphoric anhydride (P ₂ O ₅) soluble in water	52%
Potassium oxide (K ₂ O) soluble in water	8%
Boron (B) soluble in water	0.02%
Copper (Cu) soluble in water	0.05%
Copper (Cu) chelated with EDTA	0.05%
Iron (Fe) soluble in water	0.1%
Iron (Fe) chelated with EDTA	0.1%
Manganese (Mn) soluble in water	0.05%
Manganese (Mn) chelated with EDTA	0.05%
Zinc (Zn) soluble in water	0.05%
Zinc (Zn) chelated with EDTA	0.05%

Chelating agent: EDTA
pH range to ensure good stability
of the chelated fraction: 4-9
Net weight: 10 kg

Recommendations

- ☒ In general, use the lowest doses in the early stages.
- ☒ In fertigation, adjust the system so that the concentration of the solution in the irrigation water does not exceed 0.2-0.3% (2-3 kg per cubic metre of water).
- ☒ After the application of the product in fertigation, it is advisable to continue to irrigate with water only (for about half an hour) to better penetrate the product into the soil and clean pipes, hoses and nozzles.
- ☒ When preparing concentrated solutions, do not exceed concentrations of 15-20%.

Compatibility

BRANDT's WAY 10-52-8+ME can be used in blends with most crop protection agents.

Do not blend: with basic sulphate metals or strongly alkaline materials (such as calcium hydrates and calcium sulphates), spray oils and polysulphides. Tank blends with copper products can be phytotoxic due to increased solubility of copper in a situation with acid pH.

BRANDT MKP

It is a water-soluble PK speciality in which phosphorus and potassium are combined in a highly pure form. Its nitrogen-free composition is useful for balancing excess vegetation throughout the crop cycle.

It improves osmotic pressure and cell turgor during stress and maintains an optimal water level within the plant.

The acid pH of the formulation allows alkaline solutions to be corrected and prevents precipitation and clogging.

The particularly low conductivity prevents any increase in salinity.

- ☒ It enhances fruit enlargement during fruit set.
- ☒ At veraison, it improves colouring, intensifies aromas and brings ripening forward.

USE	DOSAGE
In fertigation It is used as	5-10 kg/ha after rooting (Horticulture: 3-4 weeks after transplanting) 10-20 kg/ha per application and repeat as required in: fruit set, fruit enlargement, veraison
Foliar use	On horticultural and tree crops BRANDT MKP is used at a dose of 2-3 kg per ha (200-300 g per quintal of water at conventional volume). In greenhouses and in the early stages, use the lower doses of 150-200 g/hl water On pear trees and Golden Delicious apples treat at low doses and when the vegetation is dry.



CE FERTILIZER

PK 51-33 fertilizer obtained by blending

Phosphoric anhydride (P_2O_5) soluble in ammonium citrate and in water	51%
Phosphoric anhydride (P_2O_5) soluble in water	51%
Potassium oxide (K_2O) soluble in water	33%

Recommendations

- ☒ In general, use the lowest doses in the early stages.
- ☒ In fertigation, adjust the system so that the concentration of the solution in the irrigation water does not exceed 0.2-0.3% (2-3 kg per cubic metre of water).
- ☒ When preparing concentrated solutions, do not exceed a concentration of 10-12%.
- ☒ After the application of the product in fertigation, it is advisable to continue to irrigate with water only (for about half an hour) to better penetrate the product into the soil and clean pipes, hoses and nozzles.

Compatibility

- ☒ BRANDT MKP can also be used in blends with many crop protection agents.
- ☒ Do not blend: with basic sulphate metals or strongly alkaline materials (such as calcium hydrates and calcium sulphates) or spray oils and polysulphides.
- ☒ Tank blends with copper products may be phytotoxic due to increased solubility of copper in a situation with acidic pH.
- ☒ A compatibility test is recommended if the desired combination has not been used before.

Manufacturer:
BRANDT EUROPE, S.L.
Crta. Carmona-Guadajoz km 3.1
41410 Carmona (Seville) Spain
Tel +34 954 196 230
Fax +34 954 196 240
brandt.europe@brandt.com
www.brandteurope.com

BRANDT is a registered trademark of:
Brandt Consolidated, Inc.
2935 South Koke Mill Road
Springfield, Illinois 62711 USA
www.brandtconsolidated.com

